

ABSTRACT OF THE DISCLOSURE

The present invention relates to a disc roll comprising: a plurality of annular disc members each defining a hole and having a peripheral surface; and a rotary shaft fitted into the holes of the annular disc members by insertion, thereby the peripheral surfaces of the disc members serve as a conveying surface of the disc roll, wherein said disc members have a compression deformation rate of 0.05 to 0.3 mm under a load of 10 kgf/cm, or wherein the disc members comprise an inorganic fiber, mica and a clay having a content of particle components that have a particle size of 5 μm or larger of not higher than 30% by weight based on the weight of the clay. Also disclosed are methods for producing the disc roll and disc member base materials for obtaining the disc members.